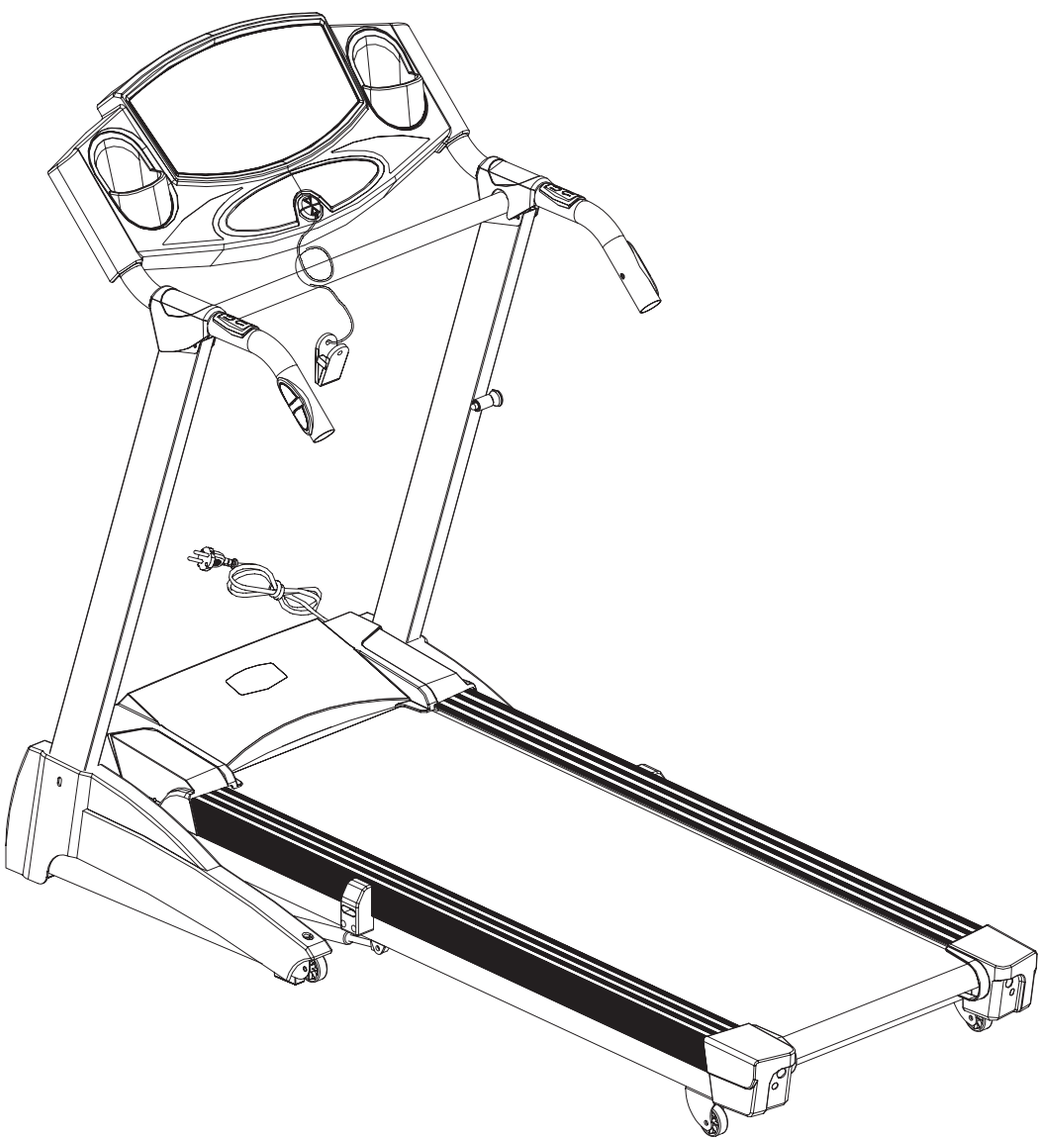
BODYWORX

Treadmill

Model No: JX150HR



Retain this owner's manual for future reference
Read and follow all instructions in this owner's manual

Version A

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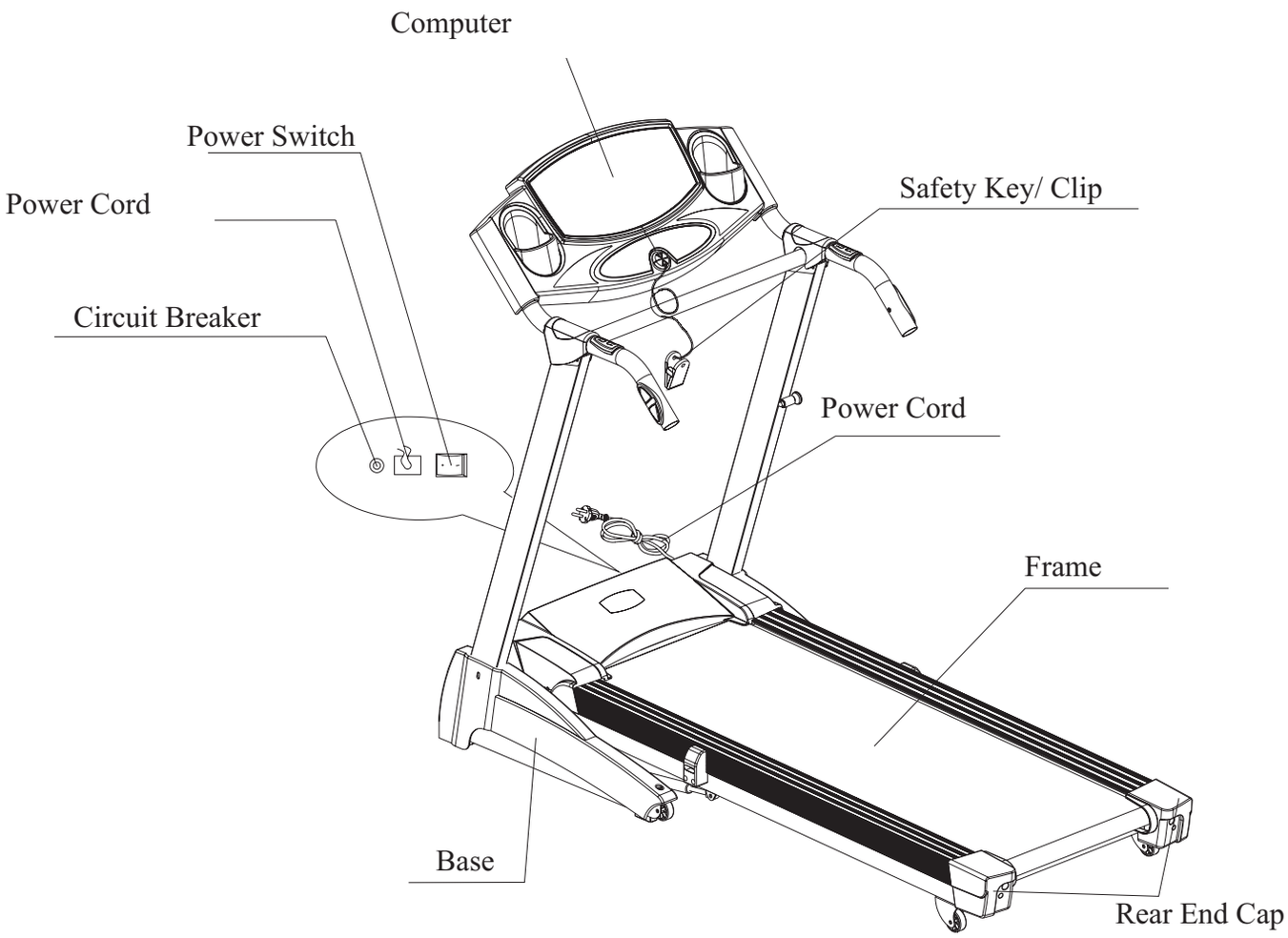
1. OVERVIEW DRAWING



2. IMPORTANT SAFETY INSTRUCTIONS

When using this product, basic precautions should always be followed, including the following:

Please read the instruction carefully before starting to use this product.

Danger – To reduce the risk of electric shock：

1. Always unplug this product from the electrical outlet immediately after using and before cleaning the treadmill.

Warning – To reduce the risk of burns, fire, electric shock, or physical injury：

1. The product should never be left unattended while plugged in.
   Unplug the product from the outlet when not in use or before putting on or taking off clothes and other belongings.
2. To avoid any danger, close supervision is necessary when this production is used by children, invalids or disabled persons.
3. Be sure to use the product only for its intended use as described in this manual. Do not use any attachment(s) not recommended by the manufacturer in order to avoid any danger or accidents.
4. Never operate the product if it has a damaged cord or plug, if it is not working properly, if it has been damaged, or dropped into water. Please return the product to the service center or seller for examination and repair.
5. Do not carry this product by the supply cord or use the cord as a handle.
6. Keep the cord away from hot surfaces or ground.
7. Never operate the product with the air vents blocked. Keep the air vents free of lint, hair, et cetera.
8. Never drop or insert any objects into any vent of the treadmill.
9. Do not use or operate outdoors.
10. Do not operate where aerosol (spray) products are being used or where oxygen is thin.
11. Before turning the product power off, turn all controls to the off position then remove the plug from the outlet.
12. Connect the product to a properly grounded outlet only.
13. If the power cord is damaged, be sure to ask the manufacturer for replacement to avoid accidents.

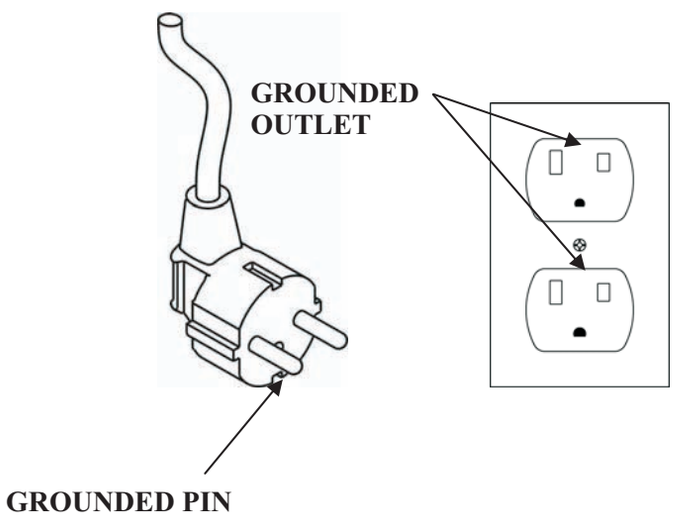
3. GROUNDING INSTRUCTIONS

The product must be grounded first. If malfunction or breakdown occurs, grounding will provide a path of least resistance for electric current to reduce the risk of electric shock.
The product is equipped with an equipment-grounding conductor and a grounding plug.
The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Danger – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you doubt whether the products are properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet install by a qualified electrician.

The products is for use on normal 220V-240V circuit and contains a plug that looks like the one illustrated in the figure. Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with the product.

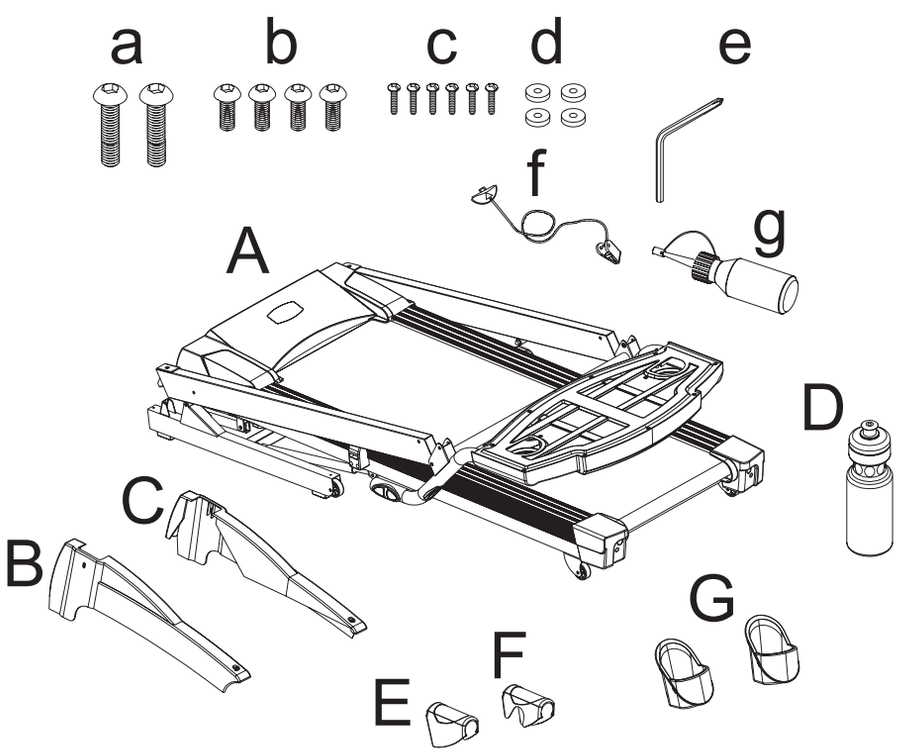
Figure
Grounding methods



4. PRE-ASSEMBLY CHECK LIST

ITEM	Description	Qty
A	Frame	1
B	Left Decoration Cover	1
C	Right Decoration Cover	1
D	Bottle	1
E	Cover-Left	1
F	Cover-Right	1
G	Cup Holder	2

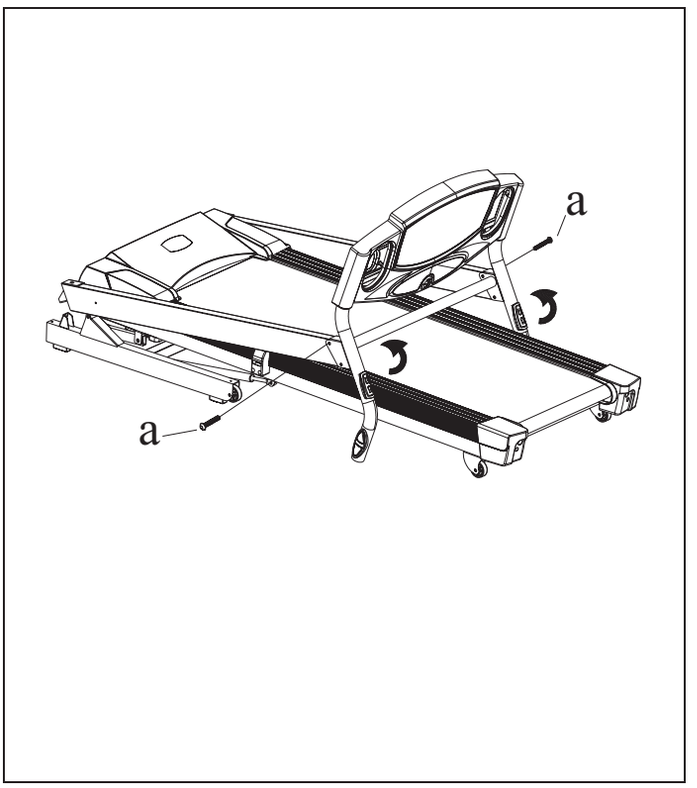
ITEM	Description	Qty
a	Truss Hex Screw M8xP1.25x40	2
b	Truss Hex Screw M8xP1.25x15	4
c	Truss Philips Screw M5xP0.8x20	6
d	Plastic Washer Ø8xØ22x6t	4
e	Hex Wrench + Screwdriver 5mm(70mmX70mm)	1
f	Safety Key/Clip	1
g	SLILCON	1



5. ASSEMBLY STEPS

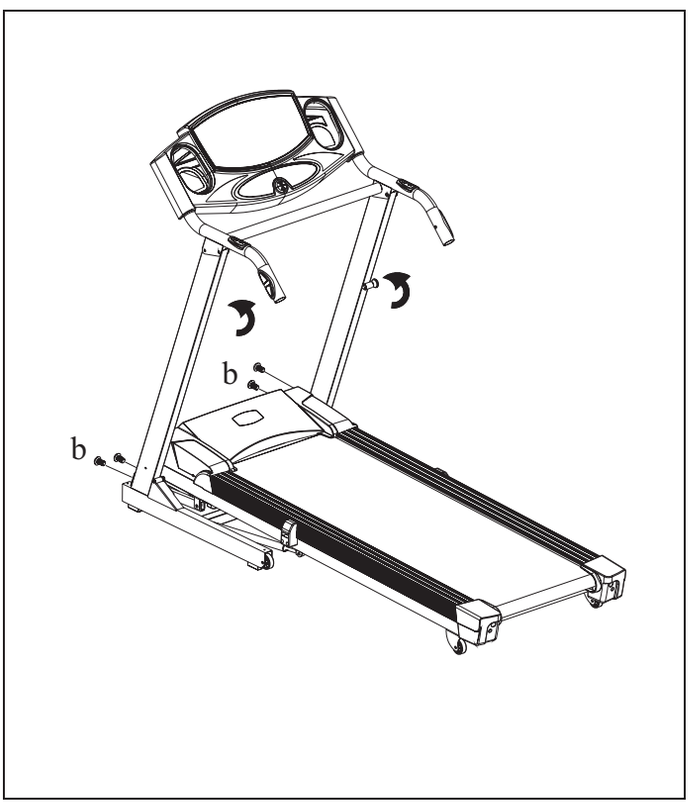
Two persons are required to finish the assembly steps.
(Caution!! Please follow exactly the assembly steps below to avoid injury.)

1. Put up the two computer handrail tubes of Frame (A) as shown in the right drawing and tighten with hex screw (a).
PS. To avoid danger, always assemble the treadmill with two or more persons, do not assemble by yourself.

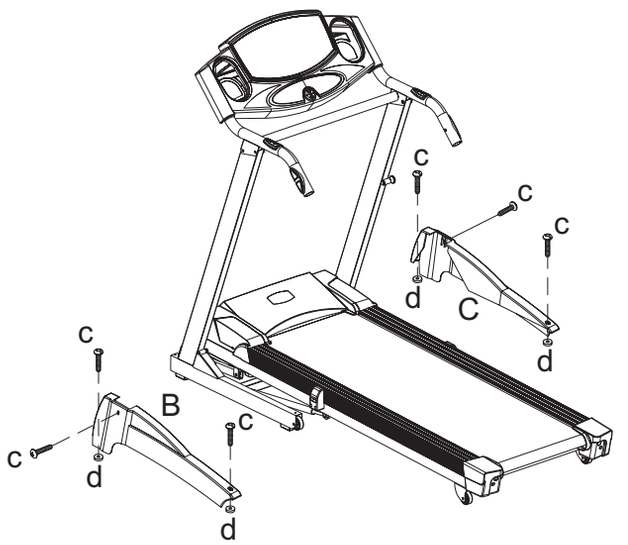


2. Then put up the left and right uprights as shown in the right drawing and tighten with hex screw(b).

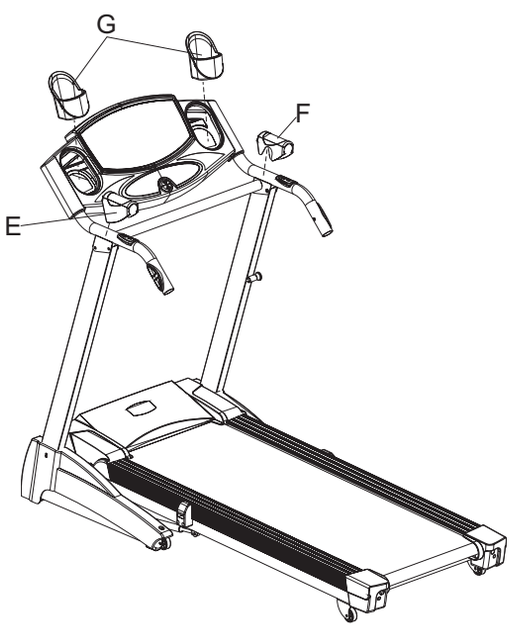
PS. To avoid danger, always assemble the treadmill with two or more persons, do not assemble by yourself.



3. After tightened the left and right uprights, insert left and right decoration covers (B,C) onto frame respectively as the right drawing shows and tighten with Philips Screw (c) and Plastic Washer (d)



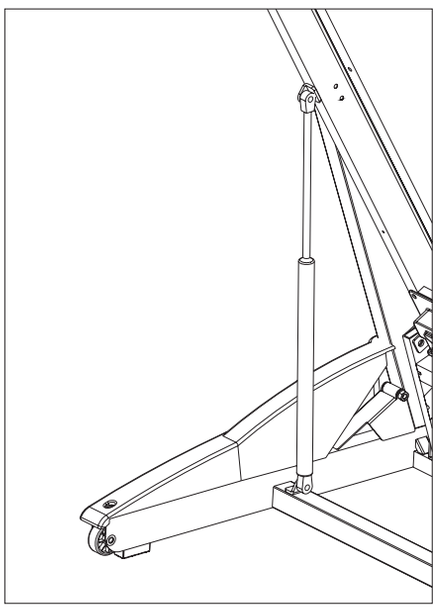
4. Wedge cup holder (G), left and right covers (E,F) onto the corresponding position as shown in the right drawing.



6. CAUTION

Note: The Cylinder contains high pressure gas. Please avoid crash with other objects to avoid danger.

Note: If the Cylinder is hit, it might be damaged and cause the usage not smooth. The treadmill might fall while folding.

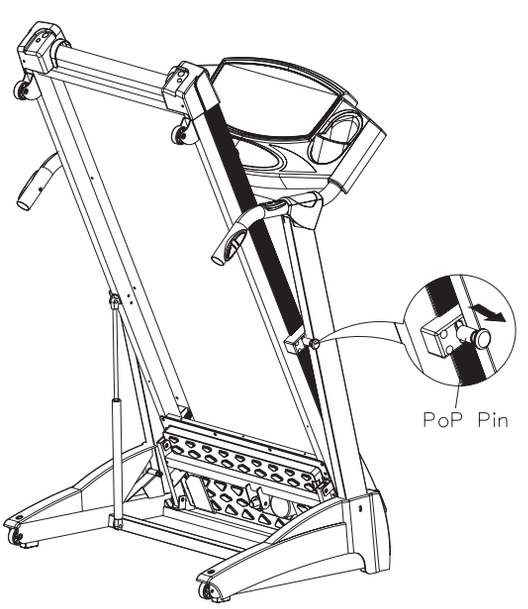


This treadmill has the foldable mechanism for storage. Stop all the movements (including stop the running belt and take off the power cord) before storage, then pull out the POP-Pin of the folding fixing mechanism as the direction shown in the drawing and then lift up the frame until the POP-Pin inserts into the frame. On the contrary, if you want to use the treadmill, pull out the POP-Pin of the folding mechanism as the arrow shows in the drawing and put down the frame slowly.

(PS.1. To prevent from danger, be careful if the kids are around.)

(PS.2. If you want to move the treadmill, fold the treadmill at first, hold the rear adjust cap with your hands, then lean the treadmill and do not move the treadmill until the roller can be moved smoothly.)

(PS.3. Do not move the treadmill on uneven ground to avoid danger.)

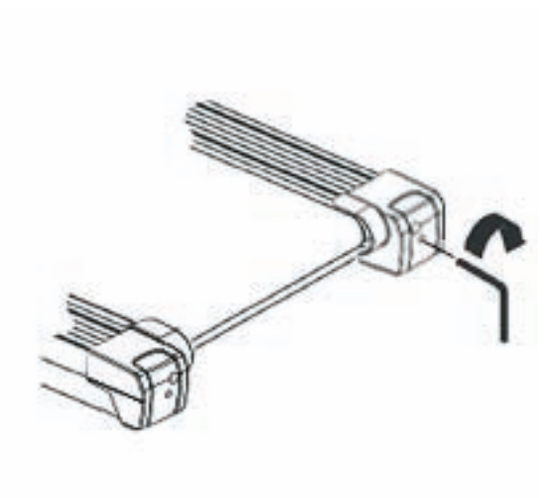


7. MAINTENANCE

1. If the belt tends to move off the center, stop the treadmill. Take the Hex Wrench and adjust the Hex Screw in the Rear End Cap. For example, if the running belt is moving towards the left side, tighten the left Hex Screw about 1/4 turn(clockwise); if the running belt is moving towards the right side, tighten the right Hex Screw about 1/4 turn(clockwise); Turn on the treadmill after it has been adjusted. If you find that the belt has not moved to the proper position, please repeat the steps above. Don't use the treadmill until the running belt returns to the center position.

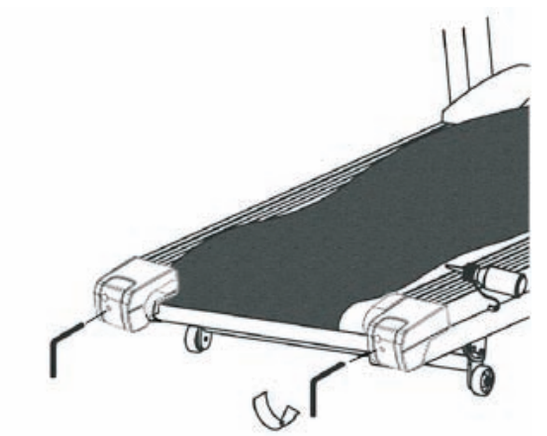
(PS.1. This action is very important, if the belt is not in the center, be sure to follow above steps.)

(PS.2. The position of running belt might not stay precisely in the center with slightly towards the left and right sides, and the situation varies with how end-users use and the weight of end-users. No need to adjust the belt if it doesn't rub against the parts aside.)



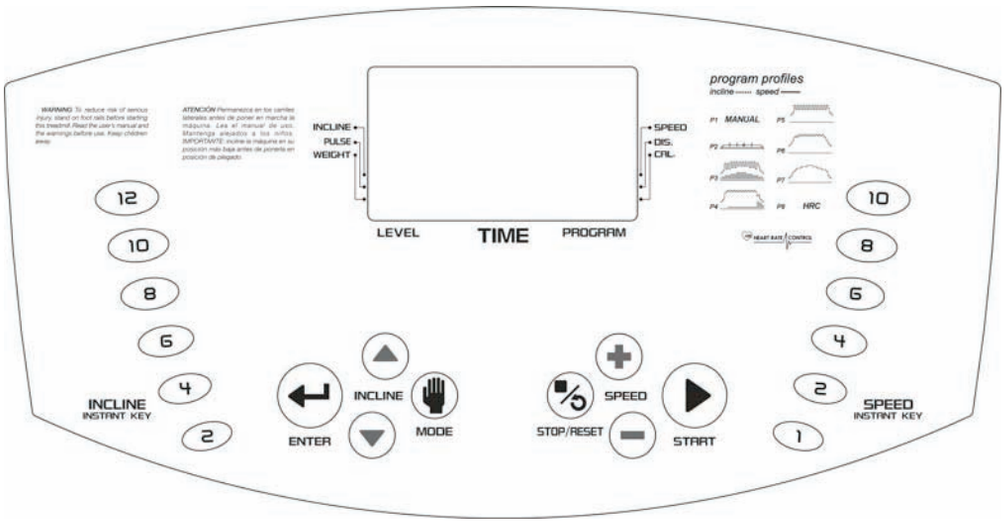
2. Depending on the usage of the product, please apply SILICON on the board according to the below chart. Use the Hex Wrench to unscrew the bolt inside the Rear Roller. Then pull the belt up and daub some SILICON to the center of the board. After that, adjust the belt to the center of the deck, followed by tightening the screw to the original set.

(PS.When the belt is sliding, please follow the above method to lubricate the running belt.)



KGS/LBS	Speed	Interval
KGS	6KM/hr Below	1 year
	6~12KM/hr	6 months
	12KM/hr Above	3 months
LBS	4mile/hr Below	1 year
	4~8mile/hr	6 months
	8mile/hr Above	3 months
Note:	This maintenance is intended for household use. If used for business, it is suggested to examine the product every other month	

8. COMPUTER OPERATION INSTRUCTIONS



I. Start Display:

1. If the SAFETY KEY is taken off, the matrix window will display arrow adown. If the SAFETY KEY is replaced，the matrix window will display KGS (LBS) for avoirdupois unit. Weight window glitters and displays the pre-set value. The value is 70KG(150LBS) and range 23~130KG(50~286LBS). At this time the light of Weight window shows. Finish setting or not setting, press ENTER and the window will turn to Start / Ready status. The matrix window displays pulsatile heart-shaped picture. The aim of setting weight is to make a change of burning CALORIES. This can be only done after starting. It does not need to set in PROGRAM. It means you can use the value after starting. You must set newly after starting again.
2. If the SAFETY KEY is removed during work out, the beeper will sound and then the treadmill will stop running. At this time place the SAFETY KEY back and all the values will go back to the initial position.
3. Under the common Start / Ready status, PULSE window will display HP picture if you don't grip the pulse sensor. If you grip the pulse sensor, you will see PULSE window starting to display pulse value.

II. Operation Instruction：

1. Under Start/Ready position, you can press Mode directly to enter the program edit.
2. Under Start/Ready position, press Start to enter directly the start-up of Manu run.
3. If the machine has fan function, you can press to start or stop fan. Pressing once means starting and pressing twice means stopping.

** When the SAFETY KEY is taken off and then replaced, it will not make reposition action any where it is. You need to press start key to perform the incline to reposite it.

** When power on, it will not make reposition action any where it is. You need to press start key to perform the incline to reposite it.

** Under start/ready status, continuously press stop key for 5 seconds, it will make reposition action any where it is.

** During perform any program, if press stop key, the program will stop. If users want to continuously perform the program, press start key or again press stop key to leave the program and back to start/ready status

III. Edit Mode：

1. Under Start/Ready position, press Mode to choose Manual and Program mode by press +/- key.

2. Program Mode：Press +/- key to edit the Program (P1~P8), and the PROGRAM window will flash, the LCD window will show P1~P8 to edit, you can press +/- key to edit. Press ENTER to enter the TIME edit, the Program pre-set value is 30min, Range is 20~99min, STEP is 1min.After edit, press ENTER or START to start the machine. If you press START directly during edit, the rest un-edited functions are pre-set. During edit, INCLINE and SPEED window will display first level value. The matrix window will display the picture.

3. WARM UP and COOL DOWN function: During WARM UP or Program position, change speed or inclination, the value will increase or decrease in the next level. COOL DOWN is not affected and STOP is the only function which can be carried out.

4. PROGRAM has 30 levels in all. The three anterior are WARM UP, the three later are COOL DOWN. Each is 3 minutes. The setting time except anterior and later which mean 6 minutes will be execute averagely by surplus 24 levels.

5. 9 HOLES mode has not functions of WARM UP or COOL DOWN. When distance is equal to 3.5KM, the motor will stop, the INCLINE is 0 and displays" End"

IV. Program Operation and Instruction：

Manu Mode

1. When press START, it will begin to count down for 3 seconds, after that, the motor will start , the speed will start at 1.0KPH. The matrix window goes contrarotate like along playground, every circle is 0.4KM (0.25MIL).
2. Speed STEP is 0.1, you can press SPEED UP/DOWN key to select（the speed UP/DOWN step is 0.1）, or press speed instant key 1、2、4、6、8、10 to select .
3. Incline STEP is 1, you can press INCLINE UP/DOWN key to select（incline UP/DOWN step is 1）, or press incline instant key 2、4、6、8、10、12 to select.
4. When TIME can set or can't set:
   (1) When TIME can set, the window will display the countdown value from target value. When time reaches 0:00, the treadmill will stop automatically.
   (2) When TIME can't set, the window will display positive number. When time reaches 99:00 the treadmill will stop automatically.
5. Pressing Mode key can switch among SPEED, DISTANCE, CALORIES and can't switch among INCLINE, PULSE, WEIGHT. It will just display INCLINE. When there is PULSE signal, it will display the PULSE value. When there is heartbeat value, the PULSE window will display the heartbeat value.
6. Press Stop when the motor is working, the motor will stop and the incline motor will stop, the Time window will display Stop; If you press START key again, the motor will start after 3-seconds countdown , the speed will be kept at the same before stop , and the incline will be increased to the set height before stop .
7. When it is at stop position, hold the Stop key for 3seconds, and it will go back to the Start/Ready position.
8. It will go back to the Start/Ready position after 30 seconds in the End position (or press Stop key).
9. The time pre-set value is 0, range is 20~99. When the time is 20 minutes, press +- to increase or decrease. Increase Step is 1 and decrease is back to 0 directly. The matrix window goes contrarotate like along playground during workout.

V. Program mode

P1 Manu	Time : Pre-set value 0min;	Range 20~99min,	Step 1 min.
P2 9 Hole	LEVEL : Initial Value 1	Range 1~10,	Step 1.
	3500 metre is based on distance.		
P3 hill climb	LEVEL : Initial Value 1	Range 1~10,	Step 1.
	Time : Pre-set value 30min;	Range 20~99min,	Step 1 min.
P4 hill run	LEVEL : Initial Value 1	Range 1~10,	Step 1.
	Time : Pre-set value 30min;	Range 20~99min,	Step 1 min.
P5 interval	LEVEL : Initial Value 1	Range 1~10,	Step 1.
	Time : Pre-set value 30min,	Range 20~99min,	Step 1 min.
P6 rolling	LEVEL : Initial Value 1	Range 1~10,	Step 1.
	Time : Pre-set value 30min,	Range 20~99min,	Step 1 min.
P7 Weight Loss	LEVEL : Initial Value 1	Range 1~10,	Step 1.
	Time : Pre-set value 30min,	Range 20~99min,	Step 1 min.
P8 Custom	Time : Pre-set value 30min,	Range 20~99min,	Step 1 min.

PROGRAM has 30 levels in all (SE01~SE30) and all the pre-set values are lowest value.
Setting: time, program execute value (setting time can execute by 30 levels averagely)

（1）After entering into the mode function, at this time, the LEVEL light is on, window flashes. This function is to select acuteness level of movement (**L1~L10)**. You can press or to change the level you need and press ENTER to make sure.

（2）After finishing selecting level, then **TIME w**indow will star to flash. At this time press or to set the sport time you need. Or press STAR T key directly to start with no count down.
** range of time value：20~99 min，pre-set 30min，step 1 min.

****If the treadmill has HRC function，P8 Custom function will be replaced by HRC function, the operation as following:**

P8 H R C **HRC** function：(This function must be used with Chest Belt)

The purpose of this program is self-training based on heart rate. During the training, when heart rate of runner achieves the setting number that you make, the speed and elevation will keep within a certain range for best training effort.

After you have chosen this mode, the program will ask you to input values as following steps:

1. When the AGE LED indicator flashes，you can press or to adjust the age, after the set, press ENTER to enter the next option.Age pre-set value ：30 ; Range of age：13~80，Step is 1.
2. At this time, the **PULSE** LED indicator flashes ,and the program will ask you to enter the pulse value, this value will change according to different ages. Refer to the chart below the manual for the values and select a suitable one, then press or to adjust the pulse value. If you don't make any changes, press ENTER and the programwill change according to the de fault values and enter into the next setting.
3. At this time the **TIME** window flashes，program will ask you to input the time value，press or to set the desired ex ercise time or press START directly to start the exercise with no count down.

（*Range of Time：20~99 min，default value 30min，step is 1）

**This chart is about Age and Pulse Value (default value) for HRC Function.

Age	BPM			Age	BPM			Age	BPM			Age	BPM		
	H	preset	L		H	preset	L		H	preset	L		H	preset	L
13	197	124	124	31	180	113	113	49	162	103	103	67	145	92	92
14	196	124	124	32	179	113	113	50	162	102	102	68	144	91	91
15	195	123	123	33	178	112	112	51	161	101	101	69	143	91	91
16	194	122	122	34	177	112	112	52	160	101	101	70	143	90	90
17	193	122	122	35	176	111	111	53	159	100	100	71	142	90	89
18	192	121	121	36	175	110	110	54	158	100	100	72	141	90	89
19	191	121	121	37	174	110	110	55	157	99	99	73	140	90	88
20	190	120	120	38	173	109	109	56	156	98	98	74	139	90	88
21	189	119	119	39	172	109	109	57	155	98	98	75	138	90	87
22	188	119	119	40	171	108	108	58	154	97	97	76	137	90	86
23	187	118	118	41	170	107	107	59	153	97	97	77	136	90	86
24	186	118	118	42	169	107	107	60	152	96	96	78	135	90	85
25	185	117	117	43	168	106	106	61	151	95	95	79	134	90	85
26	184	116	116	44	167	106	106	62	150	95	95	80	133	90	44
27	183	116	116	44	167	106	106	63	149	94	94				
28	182	115	115	46	165	104	104	64	148	94	94				
29	181	115	115	47	164	104	104	65	147	93	93				
30	181	114	114	48	163	103	103	66	146	92	92				

Error Signal ：

E1：The treadmill Can’t read the speed feedback value.

E6： Incline motor can’t work within the ADC range.

E7： Incline is higher or lower(over range).

** If any error signal happens, please contact with the manufacturer.

Note：This mode has a function of switching British System and Metric System. The operations are as following:

Press ENTER key and hold it for more than 10 seconds under start/ready status after starting the treadmill. At this time, the window will blink { 0 (British System) / 1 (Metric System) }

Press + - key to select.After selected, press ENTER key to confirm.

SPEED AND ELEVATION CHANGES

9 HOLE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Level 1	ELEVATION	0.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 2	ELEVATION	0.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 3	ELEVATION	0.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 4	ELEVATION	0.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	3.0	4.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 5	ELEVATION	0.0	1.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	3.0	4.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 6	ELEVATION	0.0	1.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	4.0	5.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 7	ELEVATION	0.0	1.0	1.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0	4.0	5.0	1.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 8	ELEVATION	0.0	1.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	5.0	6.0	2.0	2.0	2.0	2.0	5.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 9	ELEVATION	0.0	1.0	2.0	2.0	2.0	2.0	6.0	2.0	2.0	2.0	2.0	6.0	2.0	2.0	2.0	5.0	6.0	2.0	2.0	2.0	2.0	6.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6
Level 10	ELEVATION	0.0	1.0	2.0	2.0	2.0	2.0	6.0	2.0	2.0	2.0	2.0	6.0	2.0	2.0	2.0	6.0	7.0	2.0	2.0	2.0	2.0	6.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	0.0
	(MPH)	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.4	1.6

SPEED AND ELEVATION CHANGES

HILL CLIMB		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Level 1	ELEVATION	0.0	0.0	0.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
	(MPH)	1.5	2.0	2.5	3.5	2.0	3.0	2.0	4.0	2.0	4.0	2.0	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.0	4.0	2.0	4.0	2.0	3.5	3.0	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	5.6	3.2	4.8	3.2	6.4	3.2	6.4	3.2	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	3.2	6.4	3.2	6.4	3.2	5.6	4.8	4.0	3.2	2.4
Level 2	ELEVATION	0.0	0.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	3.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0
	(MPH)	1.5	2.0	2.5	4.0	2.5	3.5	2.5	4.5	2.5	4.5	2.5	4.5	3.0	4.5	3.0	4.5	3.5	4.5	3.0	4.5	2.5	4.5	2.5	4.5	2.5	4.0	3.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	6.4	4.0	5.6	4.0	7.2	4.0	7.2	4.0	7.2	4.8	7.2	4.8	7.2	5.6	7.2	4.8	7.2	4.0	7.2	4.0	7.2	4.0	6.4	5.6	4.0	3.2	2.4
Level 3	ELEVATION	0.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.0
	(MPH)	1.5	2.0	2.5	4.5	2.5	4.0	3.0	5.0	3.0	5.0	3.0	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.0	5.0	3.0	5.0	3.0	4.5	3.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	7.2	4.0	6.4	4.8	8.0	4.8	8.0	4.8	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	4.8	8.0	4.8	8.0	4.8	7.2	5.6	4.0	3.2	2.4
Level 4	ELEVATION	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0
	(MPH)	2.0	2.5	3.0	5.0	3.0	5.0	3.0	5.5	3.5	5.5	3.5	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	3.5	5.5	3.5	5.5	3.5	5.0	4.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	8.0	4.8	8.0	4.8	8.8	5.6	8.8	5.6	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	5.6	8.8	5.6	8.8	5.6	8.0	6.4	4.8	4.0	3.2
Level 5	ELEVATION	1.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
	(MPH)	2.0	2.5	3.0	5.5	3.5	5.5	3.5	6.0	4.0	6.0	4.0	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.0	6.0	4.0	6.0	3.5	5.5	4.5	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	8.8	5.6	8.8	5.6	9.6	6.4	9.6	6.4	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	6.4	9.6	6.4	9.6	5.6	8.8	7.2	4.8	4.0	3.2
Level 6	ELEVATION	2.0	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0
	(MPH)	2.0	2.5	3.0	6.0	4.0	6.0	4.0	6.5	4.5	6.5	4.5	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	4.5	6.5	4.5	6.5	4.0	6.0	5.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	9.6	6.4	9.6	6.4	10.4	7.2	10.4	7.2	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	7.2	10.4	7.2	10.4	6.4	9.6	8.0	4.8	4.0	3.2
Level 7	ELEVATION	2.0	2.0	3.0	4.0	4.0	4.0	4.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0
	(MPH)	2.0	2.5	3.0	6.5	4.5	6.5	5.0	7.0	5.0	7.0	5.0	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.0	7.0	5.0	7.0	4.5	7.0	5.0	3.5	3.0	2.5
	(KPH)	3.2	4.0	4.8	10.4	7.2	10.4	8.0	11.2	8.0	11.2	8.0	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.0	11.2	8.0	11.2	8.0	11.2	7.2	11.2	8.0	5.6	4.8	4.0
Level 8	ELEVATION	2.0	3.0	3.0	4.0	4.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	6.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	2.0
	(MPH)	2.5	3.0	3.5	6.5	5.0	7.0	5.0	7.5	5.5	7.5	5.5	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	5.5	7.5	5.5	7.0	5.0	7.0	5.0	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	10.4	8.0	11.2	8.0	12.0	8.8	12.0	8.8	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	8.8	12.0	8.8	11.2	8.0	11.2	8.0	5.6	4.8	4.0
Level 9	ELEVATION	2.0	3.0	4.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	4.0	4.0	3.0	2.0
	(MPH)	2.5	3.0	3.5	6.5	5.5	7.5	5.5	8.0	6.0	8.0	6.0	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.0	8.0	6.0	7.5	5.5	7.5	5.0	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	10.4	8.8	12.0	8.8	12.8	9.6	12.8	9.6	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	9.6	12.8	9.6	12.0	8.8	12.0	8.0	5.6	4.8	4.0
Level 10	ELEVATION	2.0	3.0	5.0	5.0	5.0	6.0	6.0	6.0	6.0	7.0	7.0	7.0	7.0	8.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0	4.0	3.0	2.0
	(MPH)	2.5	3.0	3.5	6.5	6.0	8.0	6.0	8.0	6.5	8.5	6.5	8.5	7.0	8.5	7.0	8.5	7.0	8.5	7.0	8.5	6.5	8.5	6.5	8.5	6.0	7.5	6.5	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	10.4	9.6	12.8	9.6	12.8	10.4	13.6	10.4	13.6	11.2	13.6	11.2	13.6	11.2	13.6	11.2	13.6	10.4	13.6	10.4	13.6	9.6	12.0	10.4	5.6	4.8	4.0

SPEED AND ELEVATION CHANGES

HILL RUN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Level 1	ELEVATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(MPH)	1.5	2.0	2.5	3.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.0	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	4.8	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	4.8	4.0	3.2	2.4
Level 2	ELEVATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(MPH)	1.5	2.0	2.5	3.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	5.6	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	5.6	4.8	4.0	3.2	2.4
Level 3	ELEVATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(MPH)	1.5	2.0	2.5	4.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	4.0	3.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	6.4	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	6.4	5.6	4.0	3.2	2.4
Level 4	ELEVATION	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
	(MPH)	2.0	2.5	3.0	4.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.0	5.0	5.5	5.0	4.5	4.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	7.2	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.0	8.0	8.8	8.0	7.2	6.4	4.8	4.0	3.2
Level 5	ELEVATION	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	4.0	4.0	3.0	2.0
	(MPH)	2.0	2.5	3.0	5.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	5.0	4.5	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	8.0	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	8.0	7.2	4.8	4.0	3.2
Level 6	ELEVATION	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
	(MPH)	2.0	2.5	3.0	5.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	5.5	5.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	8.8	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	8.8	8.0	4.8	4.0	3.2
Level 7	ELEVATION	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	(MPH)	2.0	2.5	3.0	6.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	6.0	5.5	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	9.6	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	9.6	8.8	4.8	4.0	3.2
Level 8	ELEVATION	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	(MPH)	2.5	3.0	3.5	6.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	6.5	6.0	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	10.4	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	10.4	9.6	5.6	4.8	4.0
Level 9	ELEVATION	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	(MPH)	2.5	3.0	3.5	6.5	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	7.0	6.5	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	10.4	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	11.2	10.4	5.6	4.8	4.0
Level 10	ELEVATION	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
	(MPH)	2.5	3.0	3.5	6.5	7.5	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	7.5	6.5	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	10.4	12.0	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	12.0	10.4	5.6	4.8	4.0

SPEED CHANGES ONLY

INTERVAL		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Level 1	(MPH)	1.5	2.0	2.5	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5	3.0	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	3.2	5.6	4.8	4.0	3.2	2.4
Level 2	(MPH)	1.5	2.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	2.5	4.0	3.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	4.0	6.4	5.6	4.0	3.2	2.4
Level 3	(MPH)	1.5	2.0	2.5	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.0	4.5	3.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	4.8	7.2	5.6	4.0	3.2	2.4
Level 4	(MPH)	2.0	2.5	3.0	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	3.5	5.0	4.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	5.6	8.0	6.4	4.8	4.0	3.2
Level 5	(MPH)	2.0	2.5	3.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.0	5.5	4.5	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	6.4	8.8	7.2	4.8	4.0	3.2
Level 6	(MPH)	2.0	2.5	3.0	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	6.0	4.5	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	9.6	7.2	4.8	4.0	3.2
Level 7	(MPH)	2.0	2.5	3.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	6.5	5.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	10.4	8.0	4.8	4.0	3.2
Level 8	(MPH)	2.5	3.0	3.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	7.0	5.5	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	11.2	8.8	5.6	4.8	4.0
Level 9	(MPH)	2.5	3.0	3.5	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	7.5	6.0	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	12.0	9.6	5.6	4.8	4.0
Level 10	(MPH)	2.5	3.0	3.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	8.0	6.5	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	12.8	10.4	5.6	4.8	4.0

SPEED CHANGES ONLY

ROLLING		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Level 1	(MPH)	1.5	2.0	2.5	3.0	3.5	3.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	4.0	3.5	3.0	3.0	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	4.8	5.6	4.8	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	6.4	5.6	4.8	4.8	4.0	3.2	2.4
Level 2	(MPH)	1.5	2.0	2.5	3.0	3.5	4.0	3.5	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	4.8	5.6	6.4	5.6	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	7.2	6.4	5.6	4.8	4.0	3.2	2.4
Level 3	(MPH)	1.5	2.0	2.5	3.5	4.0	4.5	4.0	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	5.0	4.5	4.0	3.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	5.6	6.4	7.2	6.4	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	8.0	7.2	6.4	5.6	4.0	3.2	2.4
Level 4	(MPH)	2.0	2.5	3.0	4.0	4.5	5.0	4.5	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	5.5	5.0	4.5	4.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	6.4	7.2	8.0	7.2	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	8.8	8.0	7.2	6.4	4.8	4.0	3.2
Level 5	(MPH)	2.0	2.5	3.0	4.0	5.0	5.5	5.0	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	6.0	5.5	5.0	4.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	6.4	8.0	8.8	8.0	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	9.6	8.8	8.0	6.4	4.8	4.0	3.2
Level 6	(MPH)	2.0	2.5	3.0	4.0	5.0	5.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	6.5	6.0	5.0	4.0	3.0	2.5	2.0
	(KPH)	3.2	4.0	4.8	6.4	8.0	8.8	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	10.4	9.6	8.0	6.4	4.8	4.0	3.2
Level 7	(MPH)	2.5	3.0	3.5	4.5	5.5	6.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.5	7.0	6.0	5.0	4.5	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	7.2	8.8	9.6	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	10.4	11.2	9.6	8.0	7.2	5.6	4.8	4.0
Level 8	(MPH)	2.5	3.0	3.5	4.5	5.5	6.0	6.5	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	7.0	7.5	6.5	5.5	4.5	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	7.2	8.8	9.6	10.4	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	11.2	12.0	10.4	8.8	7.2	5.6	4.8	4.0
Level 9	(MPH)	2.5	3.0	3.5	4.5	5.5	6.5	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.5	8.0	7.0	6.0	5.0	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	7.2	8.8	10.4	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	12.0	12.8	11.2	9.6	8.0	5.6	4.8	4.0
Level 10	(MPH)	2.5	3.0	3.5	4.5	5.5	6.5	7.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	8.5	8.0	7.0	6.0	5.0	3.5	3.0	2.5
	(KPH)	4.0	4.8	5.6	7.2	8.8	10.4	12.0	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	13.6	12.8	11.2	9.6	8.0	5.6	4.8	4.0

SPEED CHANGES ONLY

WEIGHT LOSS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Level 1	(MPH)	0.5	1.0	1.5	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.5	3.0	3.0	3.0	2.5	2.5	2.5	2.0	2.0	2.0	1.5	1.5	1.0	0.5
	(KPH)	0.8	1.6	2.4	3.2	3.2	3.2	4.0	4.0	4.0	4.8	4.8	4.8	4.8	5.6	5.6	5.6	5.6	4.8	4.8	4.8	4.0	4.0	4.0	3.2	3.2	3.2	2.4	2.4	1.6	0.8
Level 2	(MPH)	0.5	1.0	1.5	2.5	2.5	2.5	3.0	3.0	3.0	3.5	3.5	3.5	3.5	4.0	4.0	4.0	4.0	3.5	3.5	3.5	3.0	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.0	0.5
	(KPH)	0.8	1.6	2.4	4.0	4.0	4.0	4.8	4.8	4.8	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.4	5.6	5.6	5.6	4.8	4.8	4.8	4.0	4.0	4.0	3.2	2.4	1.6	0.8
Level 3	(MPH)	0.5	1.0	1.5	2.5	3.0	3.0	3.5	3.5	3.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	4.0	4.0	4.0	3.5	3.5	3.5	3.0	3.0	3.0	2.5	1.5	1.0	0.5
	(KPH)	0.8	1.6	2.4	4.0	4.8	4.8	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.2	7.2	7.2	7.2	6.4	6.4	6.4	5.6	5.6	5.6	4.8	4.8	4.8	4.0	2.4	1.6	0.8
Level 4	(MPH)	1.0	1.5	2.0	3.0	3.5	3.5	4.0	4.0	4.0	4.5	4.5	4.5	4.5	5.0	5.0	5.0	5.0	4.5	4.5	4.5	4.0	4.0	4.0	3.5	3.5	3.5	3.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	4.8	5.6	5.6	6.4	6.4	6.4	7.2	7.2	7.2	7.2	8.0	8.0	8.0	8.0	7.2	7.2	7.2	6.4	6.4	6.4	5.6	5.6	5.6	4.8	3.2	2.4	1.6
Level 5	(MPH)	1.0	1.5	2.0	3.0	3.5	4.0	4.5	4.5	4.5	5.0	5.0	5.0	5.0	5.5	5.5	5.5	5.5	5.0	5.0	5.0	4.5	4.5	4.5	4.0	4.0	4.0	3.5	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	4.8	5.6	6.4	7.2	7.2	7.2	8.0	8.0	8.0	8.0	8.8	8.8	8.8	8.8	8.0	8.0	8.0	7.2	7.2	7.2	6.4	6.4	6.4	5.6	3.2	2.4	1.6
Level 6	(MPH)	1.0	1.5	2.0	3.5	4.0	4.5	5.0	5.0	5.0	5.5	5.5	5.5	5.5	6.0	6.0	6.0	6.0	5.5	5.5	5.5	5.0	5.0	5.0	4.5	4.5	4.5	4.0	2.0	1.5	1.0
	(KPH)	1.6	2.4	3.2	5.6	6.4	7.2	8.0	8.0	8.0	8.8	8.8	8.8	8.8	9.6	9.6	9.6	9.6	8.8	8.8	8.8	8.0	8.0	8.0	7.2	7.2	7.2	6.4	3.2	2.4	1.6
Level 7	(MPH)	1.5	2.0	2.5	4.0	4.5	5.0	5.5	5.5	5.5	6.0	6.0	6.0	6.0	6.5	6.5	6.5	6.5	6.0	6.0	6.0	5.5	5.5	5.5	5.0	5.0	5.0	4.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	6.4	7.2	8.0	8.8	8.8	8.8	9.6	9.6	9.6	9.6	10.4	10.4	10.4	10.4	9.6	9.6	9.6	8.8	8.8	8.8	8.0	8.0	8.0	7.2	4.0	3.2	2.4
Level 8	(MPH)	1.5	2.0	2.5	4.0	5.0	5.5	6.0	6.0	6.0	6.5	6.5	6.5	6.5	7.0	7.0	7.0	7.0	6.5	6.5	6.5	6.0	6.0	6.0	6.0	5.5	5.5	4.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	6.4	8.0	8.8	9.6	9.6	9.6	10.4	10.4	10.4	10.4	11.2	11.2	11.2	11.2	10.4	10.4	10.4	9.6	9.6	9.6	9.6	8.8	8.8	7.2	4.0	3.2	2.4
Level 9	(MPH)	1.5	2.0	2.5	4.0	5.5	6.0	6.5	6.5	6.5	7.0	7.0	7.0	7.0	7.5	7.5	7.5	7.5	7.0	7.0	7.0	6.5	6.5	6.5	6.0	6.0	5.5	5.0	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	6.4	8.8	9.6	10.4	10.4	10.4	11.2	11.2	11.2	11.2	12.0	12.0	12.0	12.0	11.2	11.2	11.2	10.4	10.4	10.4	9.6	9.6	8.8	8.0	4.0	3.2	2.4
Level 10	(MPH)	1.5	2.0	2.5	4.0	5.5	6.5	7.0	7.0	7.0	7.5	7.5	7.5	7.5	8.0	8.0	8.0	8.0	7.5	7.5	7.5	7.0	7.0	7.0	6.5	6.5	6.0	5.5	2.5	2.0	1.5
	(KPH)	2.4	3.2	4.0	6.4	8.8	10.4	11.2	11.2	11.2	12.0	12.0	12.0	12.0	12.8	12.8	12.8	12.8	12.0	12.0	12.0	11.2	11.2	11.2	10.4	10.4	9.6	8.8	4.0	3.2	2.4

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